

# PATENT ABSTRACTS OF JAPAN

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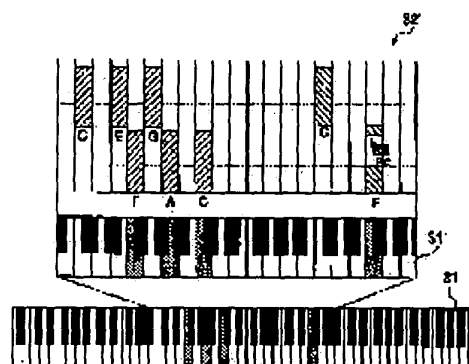
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## (54) PLAYING INDICATION DEVICE

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide the playing indication device which improves operability by making it possible to grasp the progression of music and enabling even a beginner to judge a key to be pressed instantaneously.

SOLUTION: On a display device, a reduced display keyboard 31 obtained when a player looks down at a keyboard and piano roll paper 32 showing the operation timing of a key to be operated are displayed. The piano roll paper 32 displays a key operation range from key depression to key release as a scroll bar, which consists of a scroll area 32a which is scrolled according to the reproduction of automatic playing data and a scale display area 32b which displays the syllable name of the key corresponding to the scroll bar from when the lower limit of the scrolled scroll bar exceeds the scroll area 32a until when the upper limit of the scroll bar disappears from the scroll area 32a. As the music is reproduced, the scroll bar rolls down in the scroll area 32a to indicate the key depression timing to the player.



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